



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090406

Mode: Highway

Status: Submitted

SR-1595, SR-1216 (Surrett Drive)

From/Cross Street: Eden Terrace

Specific Improvement Type: 1 - Widen Existing Roadway

To: Market Center Drive

Project Category: Division Needs

Length: 1.41

TIP#: U-3432

Fully Funded in Draft STIP? No

Cost to NCDOT: \$16,812,000

Description:

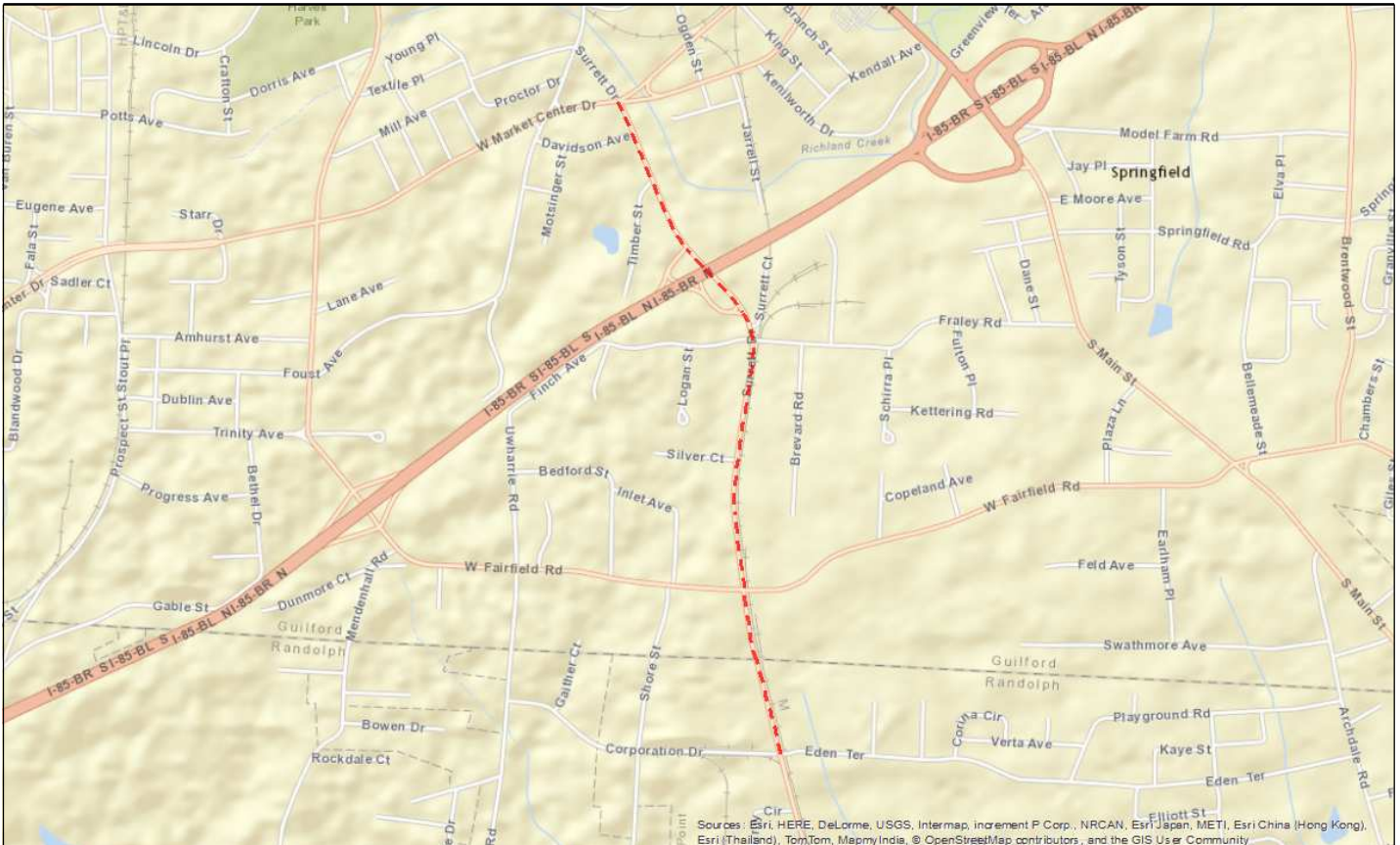
Eden Terrace to Market Center Drive. Widen to Multi-Lanes.

Division(s): Division 7, Division 8

County(s): GUILFORD, RANDOLPH

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|-------------------------------|
| Totals: Weight: 0% Weighted Score: 0 | N/A | N/A |

Regional Impact Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|-------------------------------|
| Totals: Weight: 0% Weighted Score: 0 | Percent: 15% Points: 0 | Percent: 15% Points: 0 |

Division Needs Total Score: 42.38

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|-------------------------------|
| Safety (10%) 69.95 [Travel Time] Benefit/Cost (20%) 0.33 Congestion (V/C) (20%) 34.08 Totals: Weight: 50% Weighted Score: 13.88 | Percent: 25% Points: 14 | Percent: 25% Points: 100 |

Project Data ***Existing Conditions**

| | |
|---|----------------|
| Existing Cross-Section: | |
| Speed Limit: | 35 |
| Length (miles): | 1.41 |
| Facility Type: | Arterial |
| Access Control: | None |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Rolling |
| Lane Width: | 10 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 8118.41 |
| Capacity: | 15800.16 |
| Volume/Capacity Ratio: | 0.51 |
| % Autos: | 100% |
| % Trucks: | 0% |
| Truck Volume: | 0 |
| Crash Density: | 76.39 |
| Crash Severity: | 90.08 |
| Critical Crash Rate: | 43.4 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 2 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 16 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 72 |
| Actual Congested Speed: | 31.43 |
| Travel Time Index: | 1.11 |

Project Benefits

| | |
|--|---|
| Project Cross-Section: | 4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks |
| Speed Limit: | 35 |
| Length (miles): | 1.41 |
| Facility Type: | Arterial |
| Access Control: | Partial |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Rolling |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 4 |
| Travel Time Savings for 30 Years (Total): | 254606.22 |
| Travel Time Savings for 30 Years (Autos): | 254606.22 |
| Travel Time Savings for 30 Years (Trucks): | 0 |
| Long-Term Employment: | |
| % Change in Economy: | |
| Provides Direct Connection to Transportation Terminal? | No |
| Does project upgrade how the roadway functions? | No |
| In CTP or LRTP? | No |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 7 |

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

| Division | Percent | Regional Impact | Division Needs |
|------------------------------|----------------|------------------------|-----------------------|
| Division 7 | 86% | 0 | 0 |
| Division 8 | 14% | 0 | 14 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 14 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|----------------|------------------------|-----------------------|
| High Point Urban Area MPO | 100% | 0 | 100 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 0 | 100 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$15,618,000 | TIP Unit |
| Right-of-Way Cost: | \$1,066,000 | Cost Estimation Tool |
| Utilities Cost: | \$128,000 | Cost Estimation Tool |
| Total Project Cost: | \$16,812,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$16,812,000 | |